

Programme's After Market Services

NHD-4NX Transceiver

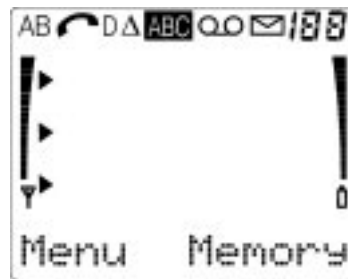
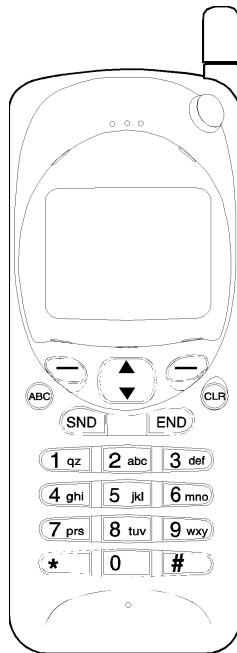
QUICK GUIDE

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To Switch Your Phone On

- 1) Press and hold PWR for about two seconds
- 2) If you want to make a call, fully extend the antenna for optimum performance



To Answer A Call

Simply press and release SND

You can also press any other key on your phone to answer an incoming call, with the exception of the END, PWR, and ABC keys.

To Make A Call

- 1) Extend the antenna
- 2) Enter the phone number, include area code if necessary
- 3) Press SND

If you make a mistake dialing

Press CLR to delete the last character, or press and hold CLR to clear the entire display.

When you want to hang up

Press END

When you want to clear the display

Press and hold CLR

To Make An Emergency Call

Before attempting any emergency calls, see “Emergency Calls” on page 64 for important safety information.

- 1) Switch your phone on and make sure service is available
- 2) Press and hold CLR to clear the display. Enter the emergency number (e.g. 911) and press SND. Give your location and do not end the call until permission is granted.

Emergency Key 9

This feature allows you to attempt emergency calls with a single push of a button. Emergency Key 9 (Menu 3 4) must be ON for this feature to work.

Press 9 then SND

OR

Press and hold 9 for more than 4 seconds

Note: When Keyguard is ON, calls may be possible to the emergency number programmed into your phone (e.g. 911 or other official emergency number). However, Emergency Key 9 will not operate.

IMPORTANT: Official emergency numbers vary by location (e.g. 911). Your phone has an emergency number programmed into your phone that can be dialed automatically with Emergency Key 9. However, this may not be the proper number in all circumstances.

Keyguard

This feature helps prevent accidental key presses, especially if you wear your phone on a belt clip or keep it in your pocket.

When Keyguard is activated and there is no call in progress, key presses will not be accepted and key tones will not be generated, except for calls to 911 (or other official preprogrammed emergency numbers) and SND and END. If the PWR key is pressed, the lights will come on.

To quickly activate Keyguard

Press and hold END until Keyguard active appears on your display

This method can be used at any time, even at the end of a call.

Another way of activating Keyguard

With an empty display,

Press Menu, then *

Yet a third way to activate Keyguard

You can activate Keyguard a third way by pressing Menu 11. Your phone will then be protected from any unwanted key presses.

Note: Keyguard cannot be activated when phone is connected to a car kit or an office handsfree kit.

To deactivate Keyguard

Press Menu, then *

To answer a call with Keyguard active

Press SND

During the call, the keypad remains unlocked for normal operation. Keyguard automatically reactivates after the call is completed.

When placing an emergency call with Keyguard active, the emergency number is displayed only after you've keyed in all of the digits. After the emergency call, Keyguard automatically becomes active again.

Note: When Keyguard is active, calls may be possible to the emergency number programmed into your phone (e.g. 911 or other official emergency number). However, Emergency Key 9 will not operate.

Speed Dial

Speed Dial is a convenient feature, allowing you to make phone calls quickly and easily. Your phone recalls the phone number from your personal directory, displays it briefly, then dials it.

- 1) Enter memory location number (2 to 99)
- 2) Press SND

Note: Memory location 9 only works when Emergency Key 9 is set to On. When set to Off, the programmed emergency number overrides this Speed Dial location.

One-Touch Dialing

This feature operates very much like Speed Dial, except it's even easier to use. If you plan on using this feature, you'll need to store your most frequently-dialed numbers in memory locations 2 through 8.

Once you have turned One-Touch Dialing on with Menu 3 3,

Press and hold the key (2 through 8 only) for a few seconds to call the number in the corresponding memory location.

Note: When using the Speed Dial and One-Touch Dial features, remember that the 1 and 9 keys are designated for your voice mailbox and for attempting emergency calls (only if Emergency Key 9 is On).

Last Number Redial

This feature allows you to quickly redial the last number you dialed. With the display empty,

Press **SND** and wait three seconds

If you want to see the last ten numbers you have dialed, press **SND**, and then quickly press ▼ or ▲ to scroll through the list. This must be done quickly, otherwise the last number dialed will be redialed.

Once you see the phone number you wish to dial, simply

Press **SND** again, the number will be dialed in three seconds

Caller ID

Caller ID is a feature that may be available from your service provider. This feature helps identify incoming calls, so you can decide if you want to answer the call.

If Caller ID is active, your phone may display the caller's phone number. If the caller's name is stored in your personal directory, the associated name will be displayed instead of the number.

CALL or CALL-ID NOT AVAILABLE displays when the number isn't available.

Contact your service provider for availability and subscription information.

Distinct Ringing

You may set your phone to ring distinctly when someone calls. Just store the person's name and number in your personal directory and include the character "!" somewhere in the person's name (e.g. Martha!). Your phone will then ring distinctly when there's an incoming call from that person's number.

Note: To use this feature, you must subscribe to Caller ID.

Call Waiting

With Call Waiting, the active call is put on hold as you answer another incoming call. This service is provided by your service provider.

To activate or deactivate Call Waiting

In some areas, your service provider may give you a feature code to activate or deactivate Call Waiting. You may choose to store this code into your phone using Menu 6 7, Network Feature Setting.

Use Menu 6 4 to Activate or Cancel Call Waiting.

In other areas, this may not be necessary depending on your service provider.

Note; This feature appears on the menu only when activated with Menu 6 7. See "Menu 6 7, Network Feature Setting"

To answer a waiting call

Press SND

To swap active and held calls

Press SND to switch between calls

Earpiece Volume

The two buttons on the side of your phone are your phone's volume keys. The upper button increases and the lower button decreases the volume of your phone's earpiece. These buttons also control the volume for any connected accessory.

To mute your phone's microphone

If you wish to put a caller on hold during a phone call, you can mute your phone's microphone.

During an active call,

- 1) Press and hold left SOFTKEY (–) for a second
- 2) Press ▲ or ▼ to Mute
- 3) Press OK

***Note:** This feature is only available during a call.*

To unmute your phone's microphone

Follow the same steps as above, except press ▲ or ▼ to Unmute and press OK.

The Menu

Your phone contains menus and submenus, giving you access to certain features and allowing you to customize your phone to suit your individual preferences.

Menu Guidelines

Menu enters your phone's menu structure

▲ or ▼ scroll through menus, submenus, and options

Press Select or OK to enter submenus or choose options

Press Quit to close the current submenu and return to the previous menu or submenu

CLR exits the menu without making changes

Help text

If you access a menu and are not quite sure what it does, press ABC or wait just a few seconds and a brief description of that feature will automatically appear on your display.

Menu & submenu shortcuts

Press Menu, then menu number, then submenu number

The menus, submenus and setting options are numbered. The number is shown in the display's top right corner. Once you reach the menu or submenu you want, you can also use ▲ or ▼ to see other options.

Press the menu, submenu, and setting numbers within a couple of seconds of each other when using this method. Most of the instructions given in this guide use this method, e.g. to access the Dialed Numbers submenu, simply press the Menu softkey, then 01 1.

Memory Functions

Menu 01

- 1 Dialed Numbers*
- 2 Answered Calls*
- 3 Missed Calls*
- 4 Clear All Call Lists*
- 5 Memory Erase Options*
- 6 Memory Status*
- 7 Call Timers*

Messages

Menu 2

- 1 Listen To Voice Messages*
- 2 Read Messages*
- 3 Set Voice Mailbox Number*

Call Settings

Menu 3

- 1 Ringing Volume*
- 2 Ringing Tone*
- 3 One-Touch Dialing*
- 4 Emergency Key 9*
- 5 Automatic Redial*
- 6 Automatic Answer*
- 7 Calling Card*
- 8 One-Touch PIN Calls*
- 9 Message Mode*

Phone Settings

Menu 4

- 1 Lights*
- 2 Keypad Tones*
- 3 Manual DTMF Tones*
- 4 Auto DTMF Length*
- 5 Personal Reminder Note*
- 6 Countdown Timer*
- 7 Restore Settings*
- 8 Beep On Roam*
- 9 Menu List*
- 10 Language*

Security Options

Menu 5

- 1 Automatic Phone Lock*
- 2 Change Lock Code*
- 3 Restrict Calls*
- 4 Hide Memory*

Network Services

Menu 6

Items shown with an * appear on the menu ONLY if this feature has been activated in your phone and is supported by your service provider.

- 1 Dual Mode Selection*
- 3 Call Forwarding **
- 4 Call Waiting **
- 5 Selective Call Acceptance **
- 6 Send Own Number **
- 7 Network Feature Setting*

System Selection

Menu 7

This feature selects which system your phone uses while travelling outside your home and preferred service areas (roaming), as well as within your home area.

NAM Selection

Menu 8

This feature allows you to select the phone number and current home system your phone is using.

Number Editor

Menu 9

This feature allows you to edit the presently displayed phone number. This helps when you need to add a prefix to a number stored in your personal directory when you want to call that number while roaming.

Alert Options

Menu 10

You can select the alert options for your phone. You can set your phone to ring, beep once, vibrate, or remain silent when you have a call.

Activate Keyguard

Menu 11

There are several ways to activate your phone's Keyguard. This feature helps prevent accidental key presses when your phone is in your pocket or purse.

Data & Fax Calls

Your phone can send or receive data when it's connected to a compatible data terminal (such as a PC) through a data adapter (such as a PC card) and a compatible cellular cable.

You can also send and receive faxes when your phone is connected to a data terminal with fax capability through a data adapter and a compatible cellular cable.

Note: Before sending or receiving a data or fax call, you should select Analog mode in Dual Mode Selection (Menu 6 1) for your phone.

Check that the data terminal is properly installed. See the documentation for the data adapter and terminal.

You cannot make a data or fax call while you have a call already in progress.

Note: Be sure to make backup copies of important data before initiating a fax or data call.

To start an outgoing data or fax call

- 1) A data or fax transmission is always started from the data terminal
- 2) Start the transmission from the data terminal as you normally would. Your phone calls the number you entered into the display terminal.
- 3) After the data or fax transmission, the call should end automatically, or you can press **END** on your phone

To receive a data or fax call

- 1) Press **SND** to answer the call. Or, if you know that the incoming call is a data or fax call, you can answer the call from the data terminal.
- 2) After receiving the data or fax, the call should end automatically, or you can press **END** on your phone

Batteries

The following battery options are available for your phone. Charging times in the table are approximate, using either the Rapid Travel Charger (ACH-4U) or the Rapid Cigarette Lighter Charger (LCH-2). Talk times are also approximate.

(BBH-1S) 600 mAh NiMH Slim Battery

(BBT-1XV) 600 mAh NiMH Vibrating Battery

(BBH-2H) 1100 mAh NiCd Ultra Extended Battery

(BBH-1H) 1700 mAh NiMH Extended Battery

Approximate battery operation times

Battery	Charging Time	Talk Time	Standby Time
(BBH-1S) Slim 600 mAh NiMH	1 hr	Digital: 75min Analog: 65 min	Digital: 27hrs Analog: 14hrs
(BBT-1XV) Vibrating 600 mAh NiMH	1 hr	Digital: 75min Analog: 65min	Digital: 27hrs Analog: 14hrs
(BBH-2H) Ultra Extended 1100 mAh NiCd	2hr	Digital: 135min Analog: 120min	Digital: 49hrs Analog: 25hrs
(BBH-1H) Extended 1700 mAh NiMH	2.5hr	Digital: 210min Analog: 180min	Digital: 76hrs Analog: 40hrs

Note: Battery operation times vary according to signal conditions, network parameters set by the operator, and extreme temperatures.

Using the phone near the network's base station consumes less power. Keeping the antenna fully extended whenever possible maintains the connection to the network with less power.

Analog Talk time measured at Power Level 4. Digital Talk time measured using 40% Voice Activity and 12dBm Power Output.